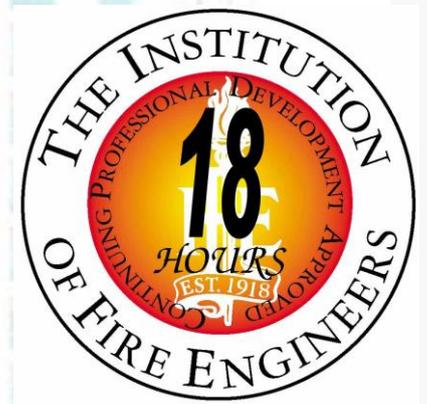


Tall Building Fire Safety Network  
5<sup>th</sup> International Tall Building Fire Safety Conference  
London  
19 – 21<sup>st</sup> June 2018

**Conference Programme Draft V9**



**FIREX**  
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19-21 JUNE 2018 EXCEL LONDON UK

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**IFSEC**  
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SHOW

**SAFETY &  
HEALTH** EXPO

**FIELD SERVICE  
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**PROFESSIONAL  
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Conference Sponsors:



C-TEC is the UK's largest independent manufacturer of world-class life safety electronic equipment with a portfolio of products that includes conventional and addressable fire alarm systems, fire detectors, disabled refuge systems, call systems and hearing loop systems.



Kingspan Insulated Panels is the global leader in high-performance insulated panel and architectural facade systems - delivering superior lifetime performance and fire protection with complete building envelope solutions underpinned by industry-leading warranties.

Conference will be opened by Martin Shipp:



**Mr Martin Shipp BSc (Physics) CEng FIFireE  
CPhys MInstP**

**Institution of Fire Engineers International  
President 2017/2018**

Martin joined the Fire Research Station (part of the Building Research Establishment (BRE)) in 1974 and is Technical Development Director, Fire Safety in BRE Global.

For many years Martin managed the BRE fire investigation programme for the Department for Communities and Local Government (DCLG, now MHCLG) and has been closely involved with the investigations into Piper Alpha, Alexandra Palace, Windsor Castle, the Channel Tunnel (1996), Atherstone on Stour, Penhallow Hotel, Newquay, and Lakanal, London, along with many others. He is currently a member of the BRE team assisting the Metropolitan Police with the Grenfell Tower fire investigation.

Conference will be chaired by:

**John Scott**, Head of Technical Services, Shard Quarter (REM). In my role as Head of Technical Services, I am chiefly responsible for managing all mechanical and electrical services for Shard Quarter, including The Shard, Western Europe tallest building.

I have overall responsibility for managing fire safety and the many other risks associated with a truly 'mixed-use' building that encompasses all ten user groups of the RICS codes.

For the last 25 years, I have been based in London, where I have held various operational roles with blue chip clients and high-profile, critical environments.



# Conference Agenda

## Tuesday 19<sup>th</sup> June 2018

Day 1 – Fire Engineering, Design and Fire Testing in Tall Buildings

Day Sponsor C-TEC

09:45 Delegates to be seated

10:00 Official opening – Martin Shipp, International President IFE

10:10 Keynote – Justin Francis, Queensland Fire Service, Australia. Churchill Fellowship Study into Evacuation from Tall Buildings

10:50 Conor Logan, Colt - What can go wrong with Smoke Control Installations

11:20 MC Hui - Single point of failure and inter-relationship between stair pressurisation system and evacuation strategy for tall buildings

11:50 Romain Hourqueig, WSP – Case study of lift/elevator evacuation strategy

12:20 Dr. Jim Glocking (FPA) - will discuss the latest findings from FPA research following the Grenfell Tower Fire; *The suitability of the current BS8414 test in testing external cladding, The concept of a perfect build versus the standard fitted build, Improvements in fire load of materials to aid real life scenario*

12:50 Panel Discussion

13:00 Lunch

14:00 Merlyn Forrer, (GMFRS) - Fire Testing of Tall Building Façade Systems.

14:40 Tony Ryan, Kingspan Insulated Panels -

Fire Performance of Insulated Panel & Rainscreen Façade Systems

15:10 Ian Moore, FIA -

Can technology help to detect and extinguish fires in high rise buildings?

15:40 Zachary Magnone, Johnson Controls - Exterior Fire Protection for High-Rise Buildings

16:10 Etienne Ricoux, Advanced – Smoke Control

16:40 Panel Discussion

17:00 Conference Day 1 closes

## **Wednesday 20<sup>th</sup> June 2018**

### **Day 2 – Fire Safety Management and Insurance in Tall Buildings Day Sponsor Kingspan Insulated Panels**

09:45 Delegates to be seated

10:00 Official opening – John Scott, The Shard

10:10 Russ Timpson - Tall Building Fire Safety Management

10:50 Gary Howe (Zurich Insurance) – Property protection principles for Tall Buildings

11:20 Stewart Kidd - Tall Building Construction Fire Safety.

11:50 Yi Wang (FM Global) - Evaluating the Fire Performance of Facade Assemblies – comparisons and findings using ANSI/FM4880

12:20 Gary Strong (RICS) – CTBUH Fire and Façade Working Group

12:50 Panel Discussion

13:00 Lunch

14:00 Tom Gilbert (Frankhams) – Managing Buildings with high fire hazard facades

14:40 Prof. Ed Galea - Evacuation Strategies from Tall Construction Sites

15:10 Niall Rowan (ASFP) Construction Fire Compartmentation – is it possible?

15:40 Robin Metheringham (MACE) - Can We Eliminate Hot Works?

16:10 Panel Discussion

17:00 Conference Day 2 closes



## Thursday 21st June 2018

### Day 3 – Firefighting in Tall Buildings

Sponsor – Available

09:45 Delegates to be seated

10:00 Chair – Russ Timpson (UK)

10:10 Keynote – Curtis Massey (US) – ‘High-rise advanced operations - a moving target’

10:50 Eric Lo (Hong Kong) HKFSD - High-rise Building Firefighting Strategy and Tactics in Hong Kong

11:20 Mark Reilly (Australia) NSWFS – Tall Building Firefighting in Sydney

11:50 John Ceriello (US) FDNY - Challenges in The High-Rise Firefight-an FDNY Perspective

12:20 Dr. Peter Wagner (Germany) – Thoughts on Tall Building Firefighting

12:50 Panel Discussion

13:00 Lunch

14:00 Keynote – Adam Course (UK) - Firefighter Safety Database

14:40 Lee Johnston (UK) - Moving to an Evidence Based Strategy

15:10 Andrew Shipley, Aspire - Evacuating people with reduced mobility from Tall Buildings

15:40 Mark Zimmerman (Simplex) – Helicopter based Tall Building Firefighting

16:10 Panel Discussion

16:45 Conference Day 3 closes

Overview of Keynote:

**Curtis Massey** An explosion of mega-towers and dense urban developments with multiple use components, along with ever-evolving new-age systems and features, such as double stacked independently-driven and “destination dispatch” elevators; wooden, 3-D printed, double-curtain wall “breathable/green” high-rise construction; new super-tall buildings with open air “blow-through” floors and tuned-mass dampers to counter building sway all demand a constant evaluation and revision of existing high-rise SOP/SOGs. They can never remain stagnant. A strong focus on fighting fires in these unique buildings where complexity is constantly increasing, along with a need to comprehend and adapt your procedures to meld into how new systems and building features will undoubtedly impact your operations is a true must. Many old-age SOPs do not apply to these modern structures. Curtis analyzes historical oversights and incorrect methodology, while allowing attendees to examine key factors surrounding water supply, ventilation, elevators, redundant power supplies, building construction, communications, air supply demand, tactics and strategy, reflex time, air balancing/stack effect to see where best to reinforce existing techniques in order to minimize the potential of a catastrophic high-rise fire. Multiple life-loss 2017 fires in the US and UK will also be discussed and examined. Emphasis on what works and what doesn’t is the main driver in this cutting-edge presentation.

## Speaker Profiles:



**Justin Francis** is a passionate operational Fire Officer of 22yrs experience, employed by Queensland Fire and Emergency Services in Australia. He combines a vast operational background with significant experience in building approvals and fire safety, and together this enables Justin to provide a unique perspective. His aim is to challenge the current approach on how we manage emergencies in the built environment from both an operational and building design perspective.

His presentation will give a global perspective of evolving evacuation methods from high-rise buildings and identifying potential fire and life safety improvements within this complex vertical world. This presentation will draw upon research gathered as part of an Australian Winston Churchill Fellowship conducted throughout eleven different countries. Including:

**High-rise buildings** – the codes, standards, design, construction and on-going management

**Occupants** – how to evacuate and implement safety procedures to manage the occupants

**Incidents** – analysis of previous high-rise incidents and identify the capabilities and challenges facing firefighters



**Merlyn Forrer** is an operational Station Manager with Greater Manchester Fire & Rescue Service (GMFRS) with 17 years of service, currently managing Fire Safety for Manchester borough. He graduated from the University of Central Lancashire (UCLan) with a Master's degree in Fire Engineering (distinction) and is a Fellow of the Institution of Fire Engineers, FIFireE. His research for both his Bachelors and Masters dissertations focussed on the fire performance of externally thermally insulated cladding systems and the use of organic polymer foams. He is the Fire and Rescue Service representative for the National Fire Chiefs Council researching the fire performance of Aluminium Composite Panel systems for the Department for Communities and Local Government and the technical lead on external fire spread for the Greater Manchester High-Rise Task Force.

Merlyn joined Norfolk Fire and Rescue Service before transferring to GMFRS in 2006, where he focussed on incident command training, working in collaboration with Liverpool John Moores University, Centre for Critical and Major Incident Psychology on naturalistic decision making in critical incidents and situational awareness. He has assisted in the development of the competency framework for fire engineering regulators following on from the competency framework for business fire safety regulators with the Chief Fire Officers Association.



**Stewart Kidd** has worked in security and fire protection since 1974. He now combines consultancy with expert witness assignments. He is presently advising insurers on fire safety for a number of very large construction projects including the new Jeddah airport, the Kingdom Tower and the Al Dar project in Khazakstan. He was the insurers' advisor on Burj Khalifa, The Shard and Heathrow Terminal 2 and many other major construction projects.

He is the author of eight books on fire and security topics including the Scottish Building Standards ACOP on heritage fire safety. He has taken instructions as an expert witness in respect of a number of major fires.

He was the Director of the Fire Protection Association from 1989 - 1997 and is a former Governor of the Institute of Risk Management. He is a Vice President of both the Institute of Fire Safety Managers and the Security Institute and was elected a Chartered Security Professional in 2012. He was Secretary General of the British Automatic Fire Sprinkler Association from 2000 - 2015.

This presentation reflects on experience gained in providing insurers' fire safety management support in several very large projects including Burj Khalifa and the Shard. The principle lessons learnt in these and other projects is that it is possible to manage out fires during construction work.

Using the insurers *Joint Code of Practice on the protection from Fire of Construction Sites and Buildings Undergoing Renovation* the presentation will emphasise that a properly planned construction fire programme will not only satisfy international insurers but also assist in compliance with national legislation such as the UK's Construction Design and Management Regulations 2015. Consideration will also be given to the significant differences between the Joint Code and NFPA 241 and some insurers' standard clauses.

The presentation will also reflect on lessons learnt from other projects including Heathrow North and the Ritz Carlton, DIFC and from construction fires in super tall buildings worldwide.



**Curtis Massey** is the founder of Massey Enterprises, a leading fire/life safety firm that creates disaster pre-plans and mobile technology solutions for buildings across North America. MEI's clients include most of the largest real estate firms and the highest profile assets throughout 70 cities. A world-renowned fire service instructor, Curtis trains many of the largest city fire departments in advanced high-rise operations. He is a 20-year veteran of the fire service, and a frequent lecturer at fire conferences and real estate organization meetings, including BOMA. Curtis was a first responder to the World Trade Center collapse on 9/11 and New Orleans during the aftermath of Hurricane Katrina. He is recognized within media circles as an authority in fire safety, and has been interviewed numerous times on TV and in print.



**Professor Ed Galea** is the founding director of the Fire Safety Engineering Group (FSEG) of the University of Greenwich in London where he has worked in the area of Computational Fire Engineering (CFE) research since 1986. FSEG are developers of the EXODUS suite of evacuation and crowd dynamics software and the SMARTFIRE fire simulation software, which have users in 35 countries around the world. His personal research interests include human behaviour in emergency evacuation situations, crowd dynamics, evacuation and crowd dynamics simulation, fire dynamics and CFD fire simulation. His research has applications to the building, aviation, maritime and rail industries.

He is the author of over 300 academic and professional publications, the vice chair of the International Association of Fire Safety Science and serves on a number of standards committees concerned with fire and evacuation for organisations such as; IMO, ISO, BSI and the SFPE Task Group on Human Behaviour in Fire. He has served on several major Inquires and legal cases as an expert in fire and evacuation including: the Paddington Rail Crash, the Swiss Air MD11 crash, and the Admiral Duncan Pub bombing. He has successfully supervised 20 PhD students in fire and evacuation related studies. He is a Guest Professor at Ghent University Belgium and the Institut Supérieur des Matériaux et Mécaniques Avancés (ISMANS), Le Mans, France where he teaches on Fire Safety Engineering MSc courses. He has won a number of awards for his work including; 2001 British Computer Society Gold Medal, 2002 Queen's Anniversary prize, 2006 Royal Aeronautical Society Gold Award; 2008 SFPE Jack Bono Award, 2010 Royal Aeronautical Society Bronze Award and the 2014 The Guardian University Award for Research Impact. He is an associate editor of the "Royal Aeronautical Journal" and open access journal 'Fire Science Reviews'.



**Tom Gilbert** is a qualified Fire safety manager, 3rd party certificated Fire risk assessor and has over 15 years' experience in the fire safety industry. Prior to his current role leading Frankham RMS's fire division, Tom worked as an operational firefighter in the royal air force, a fire safety supervisor at Goldmans Sachs international and then headed fire risk management at Affinity Sutton Homes Group and BB7 Fire risk and resilience. Tom has extensive experience across a number of sectors including manufacturing, hospitality, universities, museums and residential housing for both private and social landlords. Tom is the residential lead on the Tall buildings fire safety network, a council member of the institute of fire safety managers and previously chairman of the technical committee of the National social housing Fire safety Group. Tom is passionate about the implementation of strategic fire risk management at organisational level and is an expert in the application of PAS7:2013 "Fire risk management system – specification"



**Adam Course** Crew manager Adam Course has been at Avon Fire and Rescue Service for 10 ½ years and has spent time studying fire-fighter fatalities and where possible near misses. AC is currently the Leader of the IFE IGA 2016/2017 and has been passionately pushing the theme of learning from incidents for many years now.

Adam Course will present on a variety of common firefighter safety issues both latent (often present for some years prior to the incident) and active (decision based) that repetitively reappear at many firefighter fatality and near miss incidents in the UK but not just limited to the UK.

A presentation will be given on the common failings with an update on the progress of the firefighter safety database project which aims to help resolve one of the major repetitive latent failings at incidents and contribute where possible to resolving others. Adam is a RTC & heavy rescue instructor, first aid and trauma care instructor and has worked on projects including operational risk information gathering and pump operator training with the intention of improving operational performance of fire-fighting crews. He holds an honours degree in Environmental Science gained at The University of Plymouth in 2000 and is a Member of the Institution of Fire Engineers.



**Jim Glockling** is the Technical Director of the Fire Protection Association. Originally a Chemical Engineer, he did his PhD in Nuclear Engineering at the UK Atomic Energy Authority before undertaking a post doctorate in fire extinguishing technologies. He has worked as a university lecturer in Chemical Engineering & Fire Engineering and as a Forensic Fire Investigator. Immediately prior to joining the FPA he was the Associate Director of the Special Projects Group at LPC and then BRE. Jim continues to undertake research into fire protection with his sizeable team of experts with particular emphasis on solving high risk detection / suppression issues and has worked extensively with the ABI, major UK insurers and the MOD. He has responsibility for the annual UK insurer research budget which is administered through the RISCAuthority scheme.



**Niall Rowan** has worked in fire since 1979 managing Exova Warringtonfire and co-ordinating their European activities. He drafted the first 12 fire resistance test methods for CEN and from 2007 to 2009 he was President of EGOLF, the European organisation of fire testing laboratories and certification bodies.

In 2009 Niall became the ASFP's Technical Officer managing the association's technical output including the recently revised Yellow Book, Red Book and the ASFP Guide to Passive Fire Protection for Fire Risk Assessors. Since the beginning of this year he has taken over as Chief Operations Officer for the ASFP



Etienne Ricoux – Head of Sales, Advanced. Awaiting bio.



**Gary Howe** EngTech FIFireE MIFPO is a senior fire protection engineer with Zurich Risk Engineering. Gary's role involves the evaluation, analysis and assessment and on site testing of fixed fire protection systems including sprinkler systems, water mist, kitchen extinguishing systems, gaseous fire suppression and automatic fire detection across a broad of industrial, manufacturing, educational and commercial premises to support Customers and Insurance Underwriters.



**Romain Hourqueig** is the Head of UK Fire Engineering at WSP. He holds a Bachelor of Science in Health, Safety & Environment from the University of Bordeaux, France and a Master of Science in Fire Safety Engineering (obtained with distinction) from the University of Ulster, Belfast, UK. He is a Board member and the Secretary of the Society of Fire Protection Engineers (SFPE) for the French Chapter, member of the SFPE USA and an Associate Member of the Institution of Fire Engineers in the UK.

Romain has developed his skills and knowledge in the UK, initially with Lawrence Webster Forrest and subsequently with WSP UK for the initial five years of his career. He then took on the challenge of creating the fire engineering team in Paris at WSP France that successfully grew to five fire engineers and delivered projects throughout Europe and beyond. Romain decided to move back to WSP in the UK on September 2015 to now head up the UK fire engineering team.

During his 14 years of experience, Romain has gained substantial knowledge and experience in a wide range of building types and sectors, with project deliveries throughout the EMEA. His area of expertise particularly sits in the hospitality, residential and commercial sectors, with a specific mention/preference for high-rise buildings.



**Capt. John P. Ceriello** FDNY-Special Operations Command John is a 30 year veteran of the FDNY, he has worked in all 5 boroughs through his career. Currently assigned to rove the Rescue companies, he has spent the bulk of his time on the job in special operations. John was an integral part of the FDNY's research to combat wind impacted fires and also the research to better understand ventilation on the modern fire-ground. He is a member of Underwriters Laboratories advisory panel.



**Ian Moore** - is currently the Chief Executive Officer of the Fire Industry Association (FIA). The FIA, with 800 member companies, is a not-for-profit trade association with the aim of promoting the professional status of the UK fire safety industry.

Previous to this Ian was the Managing Director for 5 years at Elmdene International in Portsmouth. Elmdene is a leading manufacturer of Electronic Products for the Security, Access Control, CCTV and Fire Industries around the world.

In addition, Ian was the lead project manager of the newly built Africa Nations complex in Libya; Managing Director of Detector Technologies (D-Tec) the World leading exponents of Video Smoke Detection; Managing Director of Intelligent Security Ltd (ISL) being awarded the Queen's Award for Innovation; Special Projects Manager at Zellweger Analytics setting up a fire division; Regional Manager UAE for Cerberus; General Manager Cerberus Taiwan; System Sales Manager at Chubb Alarms.



**Eric LO, Divisional Commander Fire Services Department, Hong Kong** joined the Fire Services Department as a Station Officer in 1991 and has since risen through the ranks to Senior Divisional Officer. He is currently the Divisional Commander of the South Division of the New Territories Command and serves as the Leader of the High-rise Building Firefighting Specialists Team of the department.

An experienced firefighter, Eric has battled at the forefront of numerous high-rise building fires in some of the most populous districts in Hong Kong. During his stint in the New Projects Division from 1997 to 2001, he gained expertise in formulating fire safety requirements, including those conducive to firefighting operations in high-rise buildings.

Eric holds a Bachelor of Arts (Hons) degree in Accounting and Economics from the University of Reading, an LLB (Hons) degree from the University of London and an LLM degree from the City University of Hong Kong. He has been a member of the Institution of Fire Engineers (Hong Kong Branch) since 1997.

A buzzing metropolis of more than seven million people, Hong Kong is one of the most vertical cities in the world. It is home to thousands of high-rise buildings, among which over 310 are skyscrapers towering at least 150 metres high. At the conference, Eric will deliver a presentation on the topic "High-rise Building Firefighting Strategy and Tactics in Hong Kong", in which he will share his expertise and experience in firefighting in high-rise buildings.



**M.C. Hui** is the Fire Engineering Manager of BCA Logic Pty Ltd in Australia that provides building regulation, fire safety engineering, and energy efficiency consultancy services. He has 40 years of experience in the fire safety industry and has been involved in developing holistic fire safety strategies and cost effective fire engineering solutions without compromising the level of fire and life safety for a wide range of occupancies and building types, qualitative and quantitative fire risk assessments, fire safety audits of existing buildings, peer review of fire engineering reports, fire resistance testing, as well as design of active fire protection systems at the earlier stage of his career.

M.C. graduated from the University of Hong Kong with a bachelor degree in mechanical engineering and attained a Master degree in Building Fire Safety and Risk Engineering from Victoria University in Australia. He is a Chartered Professional Fire Safety Engineer with the Institution of Engineers Australia, a Chartered Engineer, a Fellow of the Institution of Fire Engineers, and a Member of the Society of Fire Protection Engineers.

He is one of the founders of Society of Fire Safety, a technical learned society under the Institution of Engineers Australia, which was established to foster excellence in fire safety in Australia. M.C. is also a guest lecturer at Victoria University as well as University of Western Sydney for their postgraduate fire safety engineering courses on fire prevention, derivation of design fires and design fire scenarios, fire safety engineering application, and fire engineering design assessment.



**Connor Logan** Since joining Colt in 1987, Connor has gained extensive knowledge and experience in the design and application of: Smoke Control Systems, Pressurisations Systems, Fire Engineering Strategies, Computational Fluid Dynamics, Climate control Systems, Louvre and Solar Shading systems

Previously, Connor has been Technical Manager of Colt Ventilation East Asia Pte Ltd at its formation (which grew to a £6m business in its first three years of trading) and has also worked as a Fire Engineering Consultant with International Fire Technology (a Colt Group Consultancy business unit).

Connor has thorough and extensive experience in the design, application and performance of smoke control systems and was Chairman of the Smoke Control Association for 8 years up until Spring 2017. He has had input into various standards and is currently sitting on BSI Committees for Fire Safety, Fire Engineering and Smoke Control along with a number of European Standards Committees.

As Technical Director, he has responsibility for design standards at Colt UK and represents Colt at The Smoke Control Association, The Association of Specialist Fire Protection (ASFP), and is currently contributing to their guidance on the application of Fire Curtains, to be known as their 'Black Book'.

In addition, Connor sits on the board of the Construction and Building Services Division of the Institution of Mechanical Engineers and the HEVAC Technical Committee and is Colt's principal BIM facilitator.



**Robin Metheringham** is a Construction Health and Safety Professional with a specialism in Construction Fire Safety.

Robin started his working life in the British Army, where he progressed to rank of Lance Bombardier in the Royal Horse Artillery. Upon leaving the Army Robin retrained as an excavator operator and worked in the recycling and remediation industry.

Seeking further challenges and opportunities he retrained as a Health and Safety professional and joined the construction industry, first working for a Reinforced Concrete frame contractor, employed on high rise projects in London. After a short spell with a small contractor conducting refurb and fit out work Robin moved to a large residential developer, working on some of the largest Urban redevelopments in Europe and progressing to Senior H&S Manager with a team of H&S Advisors. Currently he is working for a large contractor covering major construction projects.

As his career progressed Robin began to identify what he believed to be a lack detailed Fire Safety knowledge within the construction industry and the exposure to the risk that this lead to. To address this he has undertaken the 'FPA Certificate in Applied Fire Risk Assessment', embarked upon the CFPA European Diploma in Fire Prevention, undertook the Tall Building Fire Safety Management Course and joined the Tall Building Fire Safety Network, where he now sits on the committee and the Construction Working Group.



**Tony Ryan** is the Head of Fire Engineering Services for Kingspan Insulated Panels. He is responsible for ensuring that the fire performance of Kingspan insulated panel systems align with market requirements and is effectively communicated to internal and external stakeholders. He has a deep understanding of international fire tests and believes that large scale fire testing is most reliable to prevent fire spread through building envelopes. He has a background in building services engineering and sustainable energy technology and has also completed a Master in Business Administration (MBA) at Manchester Business School. He has a keen interest in fire safety & asset protection, holistic building design and sustainability.



**Zach Magnone** currently serves as the Sr. Mgr. of Innovation and New Ventures for Johnson Controls Global Fire Suppression Products business. In this role, he applies over a decade of experience in the fire protection industry to lead a team focused on the development and promotion of cutting edge advancements in fire protection technologies, systems, and concepts. Zach is a member of the NFPA, SFPE, NFSA Engineering and Standards committee, sits on multiple NFPA technical committees, and is a member of the board of advisors for the WPI Department of Fire Protection Engineering. He holds a degree in Mechanical Engineering from the University of Delaware and is a licensed Fire Protection Engineer in the state of Massachusetts.



**Dr. Yi Wang** is the Staff Vice President of FM Global, and the manager of the Fire Dynamics group in the Research Division. He graduated from the Fire Protection Engineering Department at the University of Maryland, College Park. At the current position in FM Global, he oversees the research activities of material flammability, fire dynamics and testing, as well as CFD fire modelling. Dr. Wang serves on the editorial boards of Fire Safety Journal, Fire Technology, Fire and Materials. He is also a committee member of the International Association of Fire Safety Science (IAFSS).



Gary Strong a Chartered Building Surveyor, Chartered Arbitrator, Chartered Loss Adjuster and Chartered Building Engineer, and practised as a surveyor, building engineer, expert witness and arbitrator for 38 years. Highlights of a successful career are the landmark House of Lords case of Delaware Mansions (Flecksun Ltd) –v- City of Westminster and the Heathrow Tunnel collapse project. Has spent most of his career investigating fires and rebuilding post-fire, incorporating latest best practice. Is particularly experienced in managing buildings in use, and upgrading/refurbishing to modern codes.

Currently responsible for developing standards and guidance for RICS professionals globally in 137 countries and is RICS media spokesman on technical surveying subjects. He has appeared on many international tv channels inc BBC One Show, BBC radio and is a regular contributor to various journals and as a presenter at conferences. Currently consultant to BBC, consultant to the Financial Ombudsman Service (FOS), and post Grenfell Tower is leading the RICS fire advisory group advising government and is a member of the UK Construction Industry Council Expert Panel.

Gary has also recently taken over as Chair of the CTBUH Fire & Facades Working Group, and is leading the work on developing a global coalition of professional bodies who aim to achieve International Fire Safety Standards particularly for high rise, high risk buildings.



**Dr. Peter Wagner** (Fire Safety Engineer, Doctor of Technical Sciences) has been In the Berlin Fire Service since 1982 (fire fighter, shift officer, station officer, planning department, command and control center, fire and rescue academy). Memberships: German Fire Protection Association, CTIF (international Association of Fire and Rescue Services), European Fire Service Colleges Association (EFSCA), associated in FEU  
Fields of activities: international fire statistics, risk management, disaster management, computer simulation for master plans of fire and rescue services, curricula development for fire academies incl. higher education



**Lee Johnston** BA (Hons) MIFireE is a Group Manager in West Sussex Fire and Rescue Service. Lee is a passionate advocate of using scientific research to develop firefighting tactics and technology. For the past decade, Lee has been studying firefighting research and tactics from around the world. He believes that an evidence-based approach to firefighting can improve firefighter and public safety, while also improving firefighting effectiveness and efficiency.

Lee is currently working with a number of UK fire and rescue services, and with groups such as the National Operational Guidance Programme, the IFE, BSI, the Netherlands Institute for Safety and NFCC UK R&D to review local and national firefighting practices.



**Russ Timpson** is the founder and CEO of Horizonscan. A company focusing on risk, resilience and client readiness for crisis events. RT began his fire career with Kent Fire Brigade. During this time RT completed the Fire Engineering Degree Course at South Bank University.

On leaving the Fire Service, RT took up the position of Head of Safety for Virgin Atlantic Airways, leading a multi-disciplinary team of safety, health and environmental specialists. Highlights included opening new airline routes to South Africa and the Caribbean.

In 1999, RT was headhunted by BAA (UK airport operator) to lead the response to the major fire at Terminal 1, Heathrow Airport. In the following five years, RT contributed to several major airport construction projects; including the skyway at Gatwick Airport and T5 at Heathrow Airport.

RT was awarded the HSE's award for European Safety and Health at Work achievement 1998 and European Strategic Risk Management Award 2004, International Fire professional of the Year 2015. CIR International Risk Management Award 2017.



**Andy Shipley** is a Policy Manager for the spinal injury charity Aspire. Between 2000 and 2007 Andy was the Disability Rights Commission's built environment policy lead. In which capacity, he sat on the Business and Community Safety forum and as such, played an active role in the development of government guidance on 'Means of Escape for disabled People. Andy is also a member of the Building Regulations Advisory Committee and sat on the working group that last reviewed Part B. He is a member of the committee responsible for British Standard 8300, and is also a Built Environment Expert for Design council CABE. As a Commissioner for a sustainable London 2012, Andy had oversight of the delivery of the London Olympic and Paralympic games, to ensure they achieved the goal of being the most accessible and inclusive games ever.

**Delegate Rates:**

**Early Bird Rate for Day 1 & 2, 19/20<sup>th</sup> June 2018 (available until 31<sup>st</sup> January 2018):  
Fire Testing, Fire Engineering, Insurance, Management and Construction in Tall Buildings = £695 + vat (save £200 on conference fee)**

**Conference Rate for Day 1 & 2, 19/20<sup>th</sup> June 2018 (available from 31<sup>st</sup> January 2018):  
Fire Testing, Fire Engineering, Insurance, Management and Construction in Tall Buildings = £895 + vat**

**Early Bird Rate for Day 3, 21<sup>st</sup> June 2018 (available until 31<sup>st</sup> January 2018):  
Firefighting in Tall Buildings = £295 + vat (save £100 on conference fee)**

**Conference Rate for Day 3, 21<sup>st</sup> June 2018 (available from 31<sup>st</sup> January 2018):  
Firefighting in Tall Buildings = £395 + vat**

**Serving Firefighter (UK and International) Conference Rate for Day 3, 21<sup>st</sup> June 2018  
Firefighting in Tall Buildings = £95 + vat**

**Delegate fee includes: VIP entrance to FIREX, sponsored lunches, Conference, IFE CPD cert**

**How to book and pay:**

**Book via email:** [russ.timpson@horizonscanbcp.com](mailto:russ.timpson@horizonscanbcp.com)

**Pay via: Invoice or BACS transfer**

**Press enquiries:** Tall Building Fire Safety, Russ Timpson tel: +44 07951 190576  
web: [www.tallbuildingfiresafety.com](http://www.tallbuildingfiresafety.com)

Contact conference director Russ Timpson:  
Mobile: +44 07951 190576

Email: [russ.timpson@tallbuildingfiresafety.com](mailto:russ.timpson@tallbuildingfiresafety.com)

Web: [www.tallbuildingfiresafety.com](http://www.tallbuildingfiresafety.com)

## Delegate Joining Instructions:

### Key Points –

- The conference will take place at Excel, conference centre London
- Dress code is smart casual (it may be hot – so dress comfortably and bring a bottle of water)
- You do not need a ticket – you will be checked in at conference reception
- Delegate lunches will be served each day. Other food is available at several kiosks and restaurants within the FIREX exhibition area when we break for lunch. Please note that there is no mid-morning or mid-afternoon tea breaks (in order to get maximum content in).
- Bring plenty of business cards for networking
- Copies of the powerpoint presentations will be circulated after the conference (where permission has been given)
- Given current security threat, please bring some form of Photo ID

### How to get to Excel:

Use link: <https://www.excel.london/visitor/getting-here>

Nearest Docklands Light Railway (DLR) Stations – Custom House

Underground – Jubilee line to Canning Town and change onto DLR

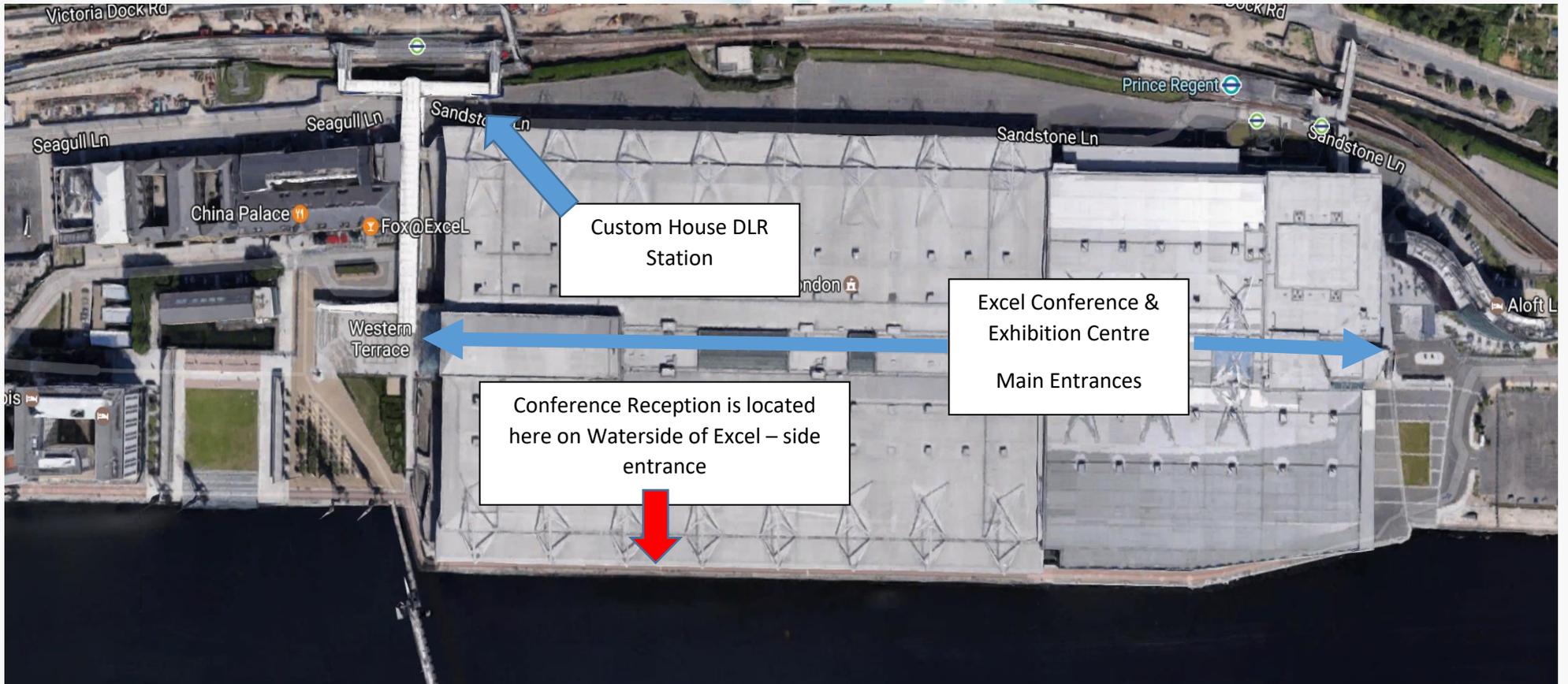
Emirates Airline Cable Car – Join at North Greenwich tube station

(All exhibitors and visitors to shows at ExCeL can use the cable car for just £2.50 single fare - to redeem this exclusive discount, all you need to do is show a confirmation email/ticket etc (please use a copy of this programme) - something that indicates that you are attending an ExCeL event - to the staff at the Emirates Airline terminals.)

General visitor information: <https://www.excel.london/visit>

Where is the conference Registration?

Reception is located on the Waterside entrance of Excel (see diagram)



Contact conference director Russ Timpson:  
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